

1 1. A method of displaying and recording a video
2 transmission comprising:
3 monitoring an ongoing video transmission for a
4 predetermined characteristic; and
5 upon detecting said characteristic, automatically
6 recording said video transmission while said video
7 transmission is being displayed.

1 2. The method of claim 1 wherein monitoring an
2 ongoing video transmission includes monitoring for the
3 transition from a live broadcast to a replay.

1 3. The method of claim 2 wherein monitoring an
2 ongoing video transmission includes monitoring for a first
3 cue to begin the recording of the video transmission and
4 monitoring for a second cue to end the recording.

1 4. The method of claim 1 further including
2 displaying on a display screen the video transmission
3 together with one or more representations of portions of
4 the video transmission which have been recorded.

1 5. The method of claim 1 wherein monitoring an
2 ongoing video transmission for a predetermined
3 characteristic includes monitoring the transmission for a
4 digital signal indicating that recording should begin.

1 6. The method of claim 1 wherein monitoring an
2 ongoing video transmission includes monitoring a closed
3 caption transmission accompanying said video transmission.

1 7. The method of claim 1 wherein monitoring an
2 ongoing video transmission includes monitoring the vertical
3 blanking interval.

1 8. The method of claim 1 including storing said
2 recorded video transmission information on a receiver that
3 receives said video transmission.

1 9. The method of claim 1 wherein monitoring an
2 ongoing video transmission for a predetermined
3 characteristic includes monitoring for a characteristic
4 indicative of a replay.

1 10. The method of claim 1 further including enabling
2 the recorded video transmission to be replayed, and then
3 accelerating the rate of replaying a portion of the
4 transmission that occurred when the recorded video
5 transmission was being played.

sub B1
1 11. A transmitter comprising:
2 a monitor that monitors an ongoing video
3 transmission and provides an indication when a
4 characteristic is detected; and
5 a transmission device that transmits said video
6 transmission together with said indication.

1 12. The transmitter of claim 11 wherein said
2 transmission device is a cable television transmitter.

1 13. The transmitter of claim 11 wherein said
2 transmission device is a satellite television transmitter.

1 14. The transmitter of claim 11 wherein said
2 transmission device is a over the air broadcast television
3 transmitter.

1 15. The transmitter of claim 14 wherein said
2 transmission device is a transmitter that transmits said
3 indication in the vertical blanking interval.

1 16. An article comprising a medium for storing
2 instructions that cause a computer to:
3 monitor an ongoing video transmission for a
4 predetermined characteristic; and
5 upon detecting said characteristic, automatically
6 record said video transmission while said video
7 transmission is being displayed.

1 17. The article of claim 16 further including
2 instructions that cause a computer to monitor for the
3 transition from a live broadcast to a replay.

1 18. The article of claim 16 further including
2 instructions that cause a computer to monitor for a first

3 cue to begin the recording of the video transmission and
4 monitor for a second cue to end the recording.

1 19. The article of claim 16 further including
2 instructions that cause a computer to display on a display
3 screen the video transmission together with one or more
4 representations of portions of the video transmission which
5 have been recorded.

1 20. The article of claim 16 further including
2 instructions that cause a computer to monitor the
3 transmission for a digital signal indicating that recording
4 should begin.

1 21. The article of claim 16 further including
2 instructions that cause a computer to monitor for a
3 characteristic indicative of an event to be recorded.

1 22. A video receiver comprising:
2 a first device to receive a video signal;
3 a second device coupled to said first device to
4 detect a characteristic of said signal; and
5 a video recorder that records said video signal
6 in response to the detection of said characteristic.

1 23. The receiver of claim 22 wherein said second
2 device detects a cue encoded with the video signal.

1 24. The receiver of claim 22 wherein said receiver is
2 a computer system.

1 25. The receiver of claim 22 wherein said receiver
2 automatically concatenates a series of recorded sessions.

1 26. The receiver of claim 22 wherein said second
2 device detects a signal indicating that recording should
3 start and another signal indicating that recording should
4 stop.

1 27. The receiver of claim 22 wherein said first
2 device receives said video signal from a broadcast source,
3 said signal including a cue to indicate the start of
4 recording by said video recorder.

170D
bx

ADD DA